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On a new page after the claims, please add the below paragraph starting on line 1:

-- A METHOD FOR GENERATING PLANT DIVERSITY BY INCORPORATION OF MICROSATELLITE SEQUENCES INTO THE PLANT GENOME

ABSTRACT OF THE INVENTION

The present invention provides a method for the generation of genetically diverse plants via the incorporation of micro-satellite (MS) sequences into the plant genome. The method involves obtaining MS-like DNA fragment, introducing said DNA into plant cells, and selecting said cells for the incorporation of the DNA. Finally, plants are grown from the selected cells. Said plants display phenotypic variability, and are more diverse than the parental plant. Using the method herein presented, novel plant varieties are generated. --